

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
PGPB	l27 with l28	0	<u>L31</u>
PGPB	l26 with l28	0	<u>L30</u>
PGPB	l25 with l28	0	<u>L29</u>
PGPB	positive\$2 near charge\$1	506	<u>L28</u>
PGPB	D-ala or d-arg or d-asn or d-asp or d-cys or d-glu or d-gln or d-gly or d-his or d-ile or d-leu or d-lys or d-met or d-phe or d-pro or d-ser or d-thr or d-trp or d-tyr or d-val	27	<u>L27</u>
PGPB	d adj (glutam\$3 or aspart\$)	52	<u>L26</u>
PGPB	(D-amino acid\$1) or (D adj amino adj acid\$1)	44	<u>L25</u>
JPAB,EPAB,DWPI	l22 and l23	24	<u>L24</u>
JPAB,EPAB,DWPI	l19 or l20 or l21	2991	<u>L23</u>
JPAB,EPAB,DWPI	positive\$2 near charge\$1	9556	<u>L22</u>
JPAB,EPAB,DWPI	D-ala or d-arg or d-asn or d-asp or d-cys or d-glu or d-gln or d-gly or d-his or d-ile or d-leu or d-lys or d-met or d-phe or d-pro or d-ser or d-thr or d-trp or d-tyr or d-val	1229	<u>L21</u>
JPAB,EPAB,DWPI	d adj (glutam\$3 or aspart\$)	948	<u>L20</u>
JPAB,EPAB,DWPI	(D-amino acid\$1) or (D adj amino adj acid\$1)	946	<u>L19</u>
USPT	l17 and @ad<1998l20l	20	<u>L18</u>
USPT	l14 or l15 or l16	21	<u>L17</u>
USPT	l9 with l12	8	<u>L16</u>
USPT	l8 with l12	5	<u>L15</u>
USPT	l4 with l12	10	<u>L14</u>
USPT	l1 with l12	0	<u>L13</u>
USPT	positive\$2 near charge\$1	33763	<u>L12</u>
USPT	l10 or l4	6912	<u>L11</u>
USPT	l5 or l6 or l7 or l8 or l9	4697	<u>L10</u>
USPT	D-ala or d-arg or d-asn or d-asp or d-cys or d-glu or d-gln or d-gly or d-his or d-ile or d-leu or d-lys or d-met or d-phe or d-pro or d-ser or d-thr or d-trp or d-tyr or d-val	1790	<u>L9</u>
USPT	d adj (glutam\$3 or aspart\$)	3069	<u>L8</u>
USPT	D adj \$ine	101	<u>L7</u>
USPT	D adj \$ine	101	<u>L6</u>
USPT	D adj \$ine	101	<u>L5</u>
USPT	(D-amino acid\$1) or (D adj amino adj acid\$1)	3025	<u>L4</u>
JPAB,EPAB,DWPI	zalutsky\$[in]	10	<u>L3</u>
PGPB	zalutsky\$[in]	0	<u>L2</u>
USPT	zalutsky\$[in]	3	<u>L1</u>

**WEST**

Generate Collection

L30: Entry 18 of 24

File: DWPI

Oct 24, 1993

DERWENT-ACC-NO: 1994-026637

DERWENT-WEEK: 199404

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TITLE: New chemical conjugate for intracellular delivery of cpds. - comprises a biological agent chemically coupled to a carrier peptide contg. arginine residues; for delivery of, e.g. drugs

INVENTOR: BARNETT, R W; REID, L S ; SUMMER-SMITH, M ; TWIST, M

PATENT-ASSIGNEE: ALLELIX BIOPHARMACEUTICALS INC (ALLX)

PRIORITY-DATA: 1992US-0872396 (April 23, 1992)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
CA 2094658 A	October 24, 1993		018	C07K007/06

## APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
CA 2094658A	April 22, 1993	1993CA-2094658	

INT-CL (IPC): A61K 47/48; A61K 49/00; C07K 7/06; C07K 9/00; C07K 15/12

ABSTRACTED-PUB-NO: CA 2094658A

## BASIC-ABSTRACT:

A chemical conjugate (I) comprises at least 1 biological agent (BA) chemically coupled, to facilitate intracellular delivery, to a carrier peptide (CP), the CP comprising mostly positively charged amino acids, at least 50% of which are in the D-isomer form.

Pref. the CP consists of 8-10, pref. 9 D-Arg residues, and the BA is a polypeptide or polynucleotide. (I) may comprise a single biochemical agent, such as a peptide or oligonucleotide, which is coupled to the N-terminus of the CP.

USE/ADVANTAGE - (I) is used for the intracellular delivery of biochemical agents, such as therapeutic peptides, protein- or nucleic acid-based drugs and diagnostic agents. The CP facilitates uptake by a cell and delivery to an intracellular location, esp. the nucleus.

ABSTRACTED-PUB-NO: CA 2094658A

## EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.0/0

DERWENT-CLASS: B04

CPI-CODES: B04-C01; B04-E01; B04-N04; B12-K04A;